

Form PTO-1449 (Modified)

Atty. Docket No.
30844/30003ASerial No.
10/590,546**INFORMATION DISCLOSURE STATEMENT**Applicant(s)
Zieler et al.Filing Date
July 13, 2007Art Unit
1645**U.S. PATENT DOCUMENTS**

Examiner Initials	Doc. ID Number	Document Number	Issue or Publication Date	Name	Class	Sub class	Filing Date (If Appropriate)
		4,889,806	12-26-1989	Olson et al.			
		5,270,201	12-14-1993	Richards et al.			
		5,288,625	02-22-1994	Hadlaczkzy			
		5,316,931	05-31-1994	Donson et al.			
		5,491,076	02-13-1996	Carrington et al.			
		5,530,187	06-25-1996	Lamb et al.			
		5,589,379	12-31-1996	Kridl et al.			
		5,650,303	07-22-1997	Kridl et al.			
		5,695,967	12-09-1997	Van Bokkelen et al.			
		5,712,134	01-27-1998	Hadlaczkzy			
		5,721,118	02-24-1998	Scheffler			
		5,733,744	03-31-1998	Hamilton			
		5,766,885	06-16-1998	Carrington et al.			
		5,866,793	02-02-1999	Baga et al.			
		5,869,294	02-09-1999	Harrington et al.			
		5,877,402	03-02-1999	Maliga et al.			
		5,891,625	04-06-1999	Buchardt et al.			
		5,891,691	04-06-1999	Hadlaczkzy			
		5,925,808	07-20-1999	Oliver et al.			
		5,977,439	11-02-1999	Hamilton			
		5,977,441	11-02-1999	Oliver et al.			
		6,025,155	02-15-2002	Hadlaczkzy et al.			
		6,077,697	06-20-2000	Hadlaczkzy et al.			
		6,127,171	10-03-2000	Slilaty et al.			
		6,156,953	12-05-2000	Preuss et al			

EXAMINER:

DATE CONSIDERED:

Form PTO-1449 (Modified) INFORMATION DISCLOSURE STATEMENT	Atty. Docket No. 30844/30003A	Serial No. 10/590,546
	Applicant(s) Zieler et al.	
	Filing Date July 13, 2007	Art Unit 1645

U.S. PATENT DOCUMENTS

Examiner Initials	Doc. ID Number	Document Number	Issue or Publication Date	Name	Class	Sub class	Filing Date (If Appropriate)
		6,162,963	12-19-2000	Kucherlapati et al.			
		6,265,211	07-24-2001	Choo et al.			
		6,277,608	08-21-2001	Hartley et al.			
		6,277,632	08-21-2001	Harney			
		6,291,243	09-18-2001	Fogarty et al.			
		6,337,431	01-08-2002	Tricoli et al.			
		6,348,353	02-19-2002	Harrington et al.			
		6,365,377	04-02-2002	Patten et al.			
		6,369,296	04-09-2002	Ratcliff et al.			
		6,376,234	04-23-2002	Grimsley et al.			
		6,376,745	04-23-2002	Atabekov et al.			
		6,388,168	05-14-2002	Maliga et al.			
		6,391,639	05-21-2002	Schenk et al.			
		6,455,315	09-24-2002	Baszczynski et al.			
		6,472,586	10-29-2002	Maliga et al.			
		6,475,798	11/5/2002	Fogarty et al.			
		6,495,318	12-17-2002	Harney			
		6,514,693	02-04-2003	Lansdorp			
		6,573,427	06-03-2003	Atabekov et al.			
		2001/0008025	07-12-2001	Hadlaczky et al.			
		2002/0028513	03-07-2002	Fogarty et al.			
		2002/0034814	03-21-2002	Atabekov et al.			
		2002/0059660	05-16-2002	Tricoli et al.			
		2002/0072097	06-13-2002	Delcardayre et al.			
		2002/0076811	06-20-2002	Okazaki et al.			

EXAMINER:	DATE CONSIDERED:
-----------	------------------

Form PTO-1449 (Modified)	Atty. Docket No. 30844/30003A	Serial No. 10/590,546
	Applicant(s) Zieler et al.	
	Filing Date July 13, 2007	Art Unit 1645

INFORMATION DISCLOSURE STATEMENT**U.S. PATENT DOCUMENTS**

Examiner Initials	Doc. ID Number	Document Number	Issue or Publication Date	Name	Class	Sub class	Filing Date (If Appropriate)
		2002/0094574	07-18-2002	Hartley et al.			
		2002/0108146	08-08-2002	Pang et al.			
		2002/0111930	08-15-2002	Battles			
		2002/0123053	09-05-2002	Luo et al.			
		2002/0123145	09-05-2002	Ow			
		2002/0128457	09-12-2002	Anderson et al.			
		2002/0132348	09-19-2002	Bradshaw et al.			
		2002/0151058	10-17-2002	Perkins et al.			
		2002/0155530	10-24-2002	Szybalski et al.			
		2002/0160410	10-31-2002	Hadlaczky et al.			
		2002/0160970	10-31-2002	Hadlaczky et al.			
		2002/0172997	11/21/2002	Hartley et al.			
		2002/0174453	11/21/2002	Daniell et al.			
		2002/0192819	12-19-2002	Hartley et al.			
		2003/0003435	01-02-2003	DeJong et al.			
		2003/0003466	01-02-2003	Harrington et al.			
		2003/0022204	01-30-2003	Landsorp			
		2003/0032186	02-13-2003	Jorgensen et al.			
		2003/0033617	02-13-2003	Hadlaczky et al.			
		2003/0041353	02-27-2003	Daniell et al.			
		2003/0049665	03-13-2003	Szybalski et al.			
		2003/0064509	04-03-2003	Marynen et al.			
		2003/0077804	04-24-2003	Byrd et al.			
		2003/0083293	05-01-2003	Hadlaczky et al.			
		2003/0084482	05-01-2003	Hall et al.			

EXAMINER:	DATE CONSIDERED:
-----------	------------------

Form PTO-1449 (Modified)	Atty. Docket No. 30844/30003A	Serial No. 10/590,546
	Applicant(s) Zieler et al.	
	Filing Date July 13, 2007	Art Unit 1645

INFORMATION DISCLOSURE STATEMENT**U.S. PATENT DOCUMENTS**

Examiner Initials	Doc. ID Number	Document Number	Issue or Publication Date	Name	Class	Sub class	Filing Date (If Appropriate)
		2003/0088081	05-08-2003	Maliga et al.			
		2003/0097678	05-22-2003	Kushinov et al.			
		2003/0101480	05-29-2003	Hadlaczky et al.			
		2003/0108914	06-12-2003	Hadlaczky			
		2003/0124561	07-03-2003	Mach et al.			

FOREIGN PATENT DOCUMENTS

Examiner Initials	Document ID Number	Document Number	Publication Date	Country	Translation	
					Yes	No
		0320500	06-14-1989	EPO		
		0442174	08-21-1991	EPO		
		0338266	10-25-1989	EPO		
		0552829	07-28-1993	EPO		
		0959134	11-24-1999	EPO		
		WO 89/09219	05-10-1989	PCT		
		WO 91/02066	02-21-1991	WIPO		
		WO 91/13994	09-19-1991	WIPO		
		WO 92/07080	04-30-1992	WIPO		
		WO 93/05165	03-18-1993	WIPO		
		WO 95/02319	01-26-1995	WIPO		
		WO 95/12669	05-11-1995	WIPO		
		WO 96/40965	12-19-1996	WIPO		
		WO 97/06250	02-20-1997	WIPO		
		WO 97/14026	04-17-1997	WIPO		
		WO 97/40183	10-30-1997	WIPO		

EXAMINER:	DATE CONSIDERED:
-----------	------------------

Form PTO-1449 (Modified)	Atty. Docket No. 30844/30003A	Serial No. 10/590,546
	Applicant(s) Zieler et al.	
	Filing Date July 13, 2007	Art Unit 1645

INFORMATION DISCLOSURE STATEMENT

FOREIGN PATENT DOCUMENTS

Examiner Initials	Docum ent ID Numbe	Document Number	Publication Date	Country	Translation	
					Yes	No
		WO 98/02562	01-22-1998	WIPO		
		WO 98/08964	03-05-1998	WIPO		
		WO 98/37223	08-27-1998	WIPO		
		WO 98/51790	11-19-1998	WIPO		
		WO 98/54342	12-03-1998	WIPO		
		WO 98/55637	12-10-1998	WIPO		
		WO 99/21977	05-06-1999	WIPO		
		WO 99/67374	12-29-1999	WIPO		
		WO 00/06715	02-10-2000	WIPO		
		WO 00/07431	02-17-2000	WIPO		
		WO 00/40723	07-23-2000	WIPO		
		WO 00/46350	08-10-2000	WIPO		
		WO 00/52155	09-08-2000	WIPO		
		WO 00/52183	09-08-2000	WIPO		
		WO 00/75289	12-14-2000	WIPO		
		WO 00/75299	12-14-2000	WIPO		
		WO 00/78985	12-28-2000	WIPO		
		WO 01/00858	01-04-2001	WIPO		
		WO 01/05962	01-25-2001	WIPO		
		WO 01/11020	02-15-2001	WIPO		
		WO 01/20011	03-22-2001	WIPO		
		WO 01/27241	04-19-2001	WIPO		
		WO 01/29241	04-26-2001	WIPO		
		WO 01/59091	08-16-2001	WIPO		
		WO 00/78976	08-23-2001	WIPO		
		WO 01/64024	09-07-2001	WIPO		

EXAMINER:	DATE CONSIDERED:
-----------	------------------

Form PTO-1449 (Modified)	Atty. Docket No. 30844/30003A	Serial No. 10/590,546
	Applicant(s) Zieler et al.	
	Filing Date July 13, 2007	Art Unit 1645

INFORMATION DISCLOSURE STATEMENT**FOREIGN PATENT DOCUMENTS**

Examiner Initials	Docum ent ID Numbe	Document Number	Publication Date	Country	Translation	
					Yes	No
		WO 01/77357	10-18-2001	WIPO		
		WO 02/00842	01-03-2002	WIPO		
		WO 02/04629	01-17-2002	WIPO		
		WO 02/08409	01-31-2002	WIPO		
		WO 02/29068	04-11-2002	WIPO		
		WO 02/057464	07-25-2002	WIPO		
		WO 02/50288	06-27-2002	WIPO		
		WO 02/059296	08-01-2002	WIPO		
		WO 02/059330	08-01-2002	WIPO		
		WO 02/067655	09-06-2002	WIPO		
		WO 02/072849	09-19-2002	WIPO		
		WO 02/081710	10-17-2002	WIPO		
		WO 02/086144	10-31-2002	WIPO		
		WO 02/086146	10-31-2002	WIPO		
		WO 02/096923	12-05-2002	WIPO		
		WO 03/28014	04-01-2003	WIPO		

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

Examiner's Initials	Doc. ID Number	
		Abdullah <i>et al.</i> , "Efficient Plant Regeneration from Rice Protoplasts through Somatic Embryogenesis," <i>BioTechnology</i> 4: 1087-1090 (1986).
		Abel <i>et al.</i> , "Delay of Disease Development in Transgenic Plants that Express the Tobacco Mosaic Virus Coat Protein Gene," <i>Science</i> 232: 738-743 (1986)
		Alfenito <i>et al.</i> , "Molecular Characterization of a Maize B Chromosome Centric Sequence," <i>Genetics</i> 135: 589-597 (1993).
		Alonso-Blanco <i>et al.</i> , "Development of AFLP Based Linkage Map of Ler, Col and Cvi <i>Arabidopsis thaliana</i> Ecotypes and Construction of a Ler/Cvi Recombinant Inbred Line Population," <i>The Plant Journal</i> 14: 259-271 (1998).

EXAMINER:	DATE CONSIDERED:
-----------	------------------

Form PTO-1449 (Modified) INFORMATION DISCLOSURE STATEMENT	Atty. Docket No. 30844/30003A	Serial No. 10/590,546
	Applicant(s) Zieler et al.	
	Filing Date July 13, 2007	Art Unit 1645

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

	Ananiev <i>et al.</i> , "Chromosome-specific Molecular Organization of Maize (<i>Zea mays</i> L.) Centromeric Regions," <i>Proc. Natl. Acad. Sci. USA</i> 95: 13073-13078 (1998).
	Ananiev <i>et al.</i> , "A Knob-Associated Tandem Repeat in Maize Capable of Forming Fold-back DNA Segments: Are Chromosome Knobs Megatransposons?," <i>Proc. Natl. Acad. Sci. USA</i> 95: 10785-10790 (1998).
	Ananiev <i>et al.</i> , "Complex Structure of Knob DNA on Maize Chromosome 9: Retrotransposon Invasion into Heterochromatin," <i>Genetics</i> 149: 2025-2037 (1998).
	Ananiev <i>et al.</i> , "Complex Structure of Knobs and Centromeric Regions in Maize Chromosomes," <i>Tsitol Genet.</i> 34: 11-5 (2000).
	Aragon-Alcaide <i>et al.</i> , "A Cereal Centromeric Sequence," <i>Chromosoma</i> 105: 261-8 (1996).
	Araki <i>et al.</i> , "Site-specific Recombinase, R, Encoded by Yeast Plasmid pSR1," <i>J. Mol. Biol.</i> 225: 25-37 (1992).
	Areshchenkova <i>et al.</i> , "Long Tomato Microsatellites are Predominantly Associated with Centromeric Regions," <i>Genome</i> 42: 536-44 (1999).
	Armstrong <i>et al.</i> , "Physical Mapping of DNA Repetitive Sequences to Mitotic and Meiotic Chromosomes of <i>Brassica oleracea</i> var. <i>alboglabra</i> by Fluorescence <i>in situ</i> Hybridization," <i>Heredity</i> 81: 666-673 (1998).
	Barki-Golan <i>et al.</i> , "Studies on Growth Inhibition by Lectins of <i>Penicillia</i> and <i>Aspergilli</i> ," <i>Arch. Microbiol.</i> 116: 119-124 (1978).
	Baum <i>et al.</i> , "The Centromeric K-Type Repeat and the Central Core are Together Sufficient to Establish a Functional <i>Schizosaccharomyces pombe</i> Centromere," <i>Molecular Biology of the Cell</i> 5: 747-761 (1994).
	Bell <i>et al.</i> , "Assignment of 30 Microsatellite Loci to the Linkage Map of <i>Arabidopsis</i> ," <i>Genomics</i> 19: 137-144 (1994).
	Bernal-Lupo <i>et al.</i> , "Changes in Soluble Carbohydrates During Seed Storage," <i>Plant Physiol.</i> 98: 1207-1210 (1992).
	Berzal-Herranz <i>et al.</i> , "In Vitro Selection of Active Hairpin Ribozymes by Sequential RNA-Catalyzed Cleavage and Ligation Reactions," <i>Genes & Development</i> 6: 129-134 (1992).
	Bevan <i>et al.</i> , "Clearing a Path Through the Jungle: Progress in <i>Arabidopsis</i> Genomics," <i>BioEssays</i> 21: 110-120 (1999).
	Bevan <i>et al.</i> , "Structure and Transcription of the Nopaline Synthase Gene Region of T-DNA," <i>Nucleic Acids Research</i> 11: 369-385 (1983).
	Birchler, "Do These Sequences Make CENs Yet?" <i>Genome Research</i> 7: 1035-1037 (1997).
	Blackman <i>et al.</i> , "Maturation Proteins and Sugars in Dessiccation Tolerance of Developing Soybean Seeds," <i>Plant Physiol.</i> 100: 225-230 (1992).
	Bloom, "The Centromere Frontier: Kinetochore Components, Microtubule-Based Motility, and the CEN-Value Paradox," <i>Cell</i> 73: 621-624 (1993).
	Bol <i>et al.</i> , "Plant Pathogenesis-related Proteins Induced by Virus Infection," <i>Annu. Rev. Phytopath.</i> 28: 113-138 (1990).
	Bowler <i>et al.</i> , "Superoxide Dismutase and Stress Tolerance," <i>Annu. Rev. Plant Physiol. Plant Mol. Biol.</i> 43: 83-116 (1992).
	Brandes <i>et al.</i> , "Multiple Repetitive DNA Sequences in the Paracentromeric Regions of <i>Arabidopsis thaliana</i> L.," <i>Chromosome Res.</i> 5: 238-46 (1997).

EXAMINER:	DATE CONSIDERED:
-----------	------------------

Form PTO-1449 (Modified) INFORMATION DISCLOSURE STATEMENT	Atty. Docket No. 30844/30003A	Serial No. 10/590,546
	Applicant(s) Zieler et al.	
	Filing Date July 13, 2007	Art Unit 1645

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

	Branson <i>et al.</i> , "Potential for Utilizing Resistance from Relatives of Cultivated Crops," <i>Proceedings North Central Branch Entomological Society of America</i> 27: 9195 (1972).
	Brisson <i>et al.</i> , "Expression of a Bacterial Gene in Plants by Using a Viral Vector," <i>Nature</i> 310: 511-516 (1984).
	Broach <i>et al.</i> , "Transformation in Yeast: Development of a Hybrid Cloning Vector and Isolation of the CAN1 Gene," <i>Gene</i> 8: 121-133 (1979).
	Broekaert <i>et al.</i> , "A Chitin-Binding Lectin from Stinging Nettle Rhizomes with Antifungal Properties," <i>Science</i> 245: 1100-1102 (1989).
	Buchowicz, J., "Nuclear Extrachromosomal DNA of Higher Plants," <i>Acta Biochim Pol.</i> 44: 13-19 (1977).
	Burke <i>et al.</i> , "Cloning of Large Segments of Exogenous DNA into Yeast by Means of Artificial Chromosome Vectors," <i>Science</i> 236: 806-812 (1987).
	Bytebier <i>et al.</i> , "T-DNA Organization in Tumor Cultures and Transgenic Plants of the Monocotyledon <i>Asparagus officinalis</i> ," <i>Proc. Natl. Acad. Sci. USA</i> 84: 5345-5349 (1987).
	Callis <i>et al.</i> , "Introns Increase Gene Expression in Cultured Maize Cells," <i>Genes & Development</i> 1: 1183-1200 (1987).
	Cambareri <i>et al.</i> , "Structure of the Chromosome VII Centromere Region in <i>Neurospora crassa</i> : Degenerate Transposons and Simple Repeats," <i>Molecular and Cellular Biology</i> 18: 5465-5477 (1998).
	Campbell, "The Production and Characterization of Rodent and Human Hybridomas," <i>Laboratory Techniques in Biochemistry and Molecular Biology</i> 13: 75-83 (1984).
	Capecchi, "High Efficiency Transformation by Direct Microinjection of DNA into Cultured Mammalian Cells," <i>Cell</i> 22: 479-488 (1980).
	Carbon <i>et al.</i> , "Centromere Structure and Function in Budding and Fission Yeasts," <i>The New Biologist</i> 2: 10-19 (1990).
	Carbon <i>et al.</i> , "Structural and Functional Analysis of a Yeast Centromere (CEN3)," <i>J. Cell Sci. Suppl.</i> 1, 43-58 (1984).
	Carbon <i>et al.</i> , <i>Recombinant Molecules: Impact on Science and Society</i> , Raven Press: 335-378 (1977).
	Carpenter <i>et al.</i> , "On the Control of the Distribution of Meiotic Exchange in <i>Drosophila Melanogaster</i> ," <i>Genetics</i> 101: 81-89 (1982).
	Cech <i>et al.</i> , "In Vitro Splicing of the Ribosomal RNA Precursor of Tetrahymena: Involvement of a Guanosine Nucleotide in the Excision of the Intervening Sequence," <i>Cell</i> 27: 487-496 (1981).
	Cepko <i>et al.</i> , "Construction and Applications of a Highly Transmissible Murine Retrovirus Shuttle Vector," <i>Cell</i> 37: 1053-1062 (1984).
	Chandler <i>et al.</i> , "Two Regulatory Genes of the Maize Anthocyanin Pathway are Homologous: Isolation of <i>B</i> Utilizing <i>R</i> Genomic Sequences," <i>The Plant Cell</i> 1: 1175-1183 (1989).
	Chang <i>et al.</i> , "Restriction Fragment Length Polymorphism Linkage Map for <i>Arabidopsis thaliana</i> ," <i>Proc. Natl. Acad. Sci. USA</i> 85: 6856-6860 (1988).
	Charlesworth <i>et al.</i> , "The Evolution of Restricted Recombination and the Accumulation of Repeated DNA Sequences," <i>Genetics</i> 112: 947-962 (1986).
	Charlesworth <i>et al.</i> , "The Evolutionary Dynamics of Repetitive DNA in Eukaryotes," <i>Nature</i> 371: 215-220 (1994).

EXAMINER:

DATE CONSIDERED:

Form PTO-1449 (Modified) INFORMATION DISCLOSURE STATEMENT	Atty. Docket No. 30844/30003A	Serial No. 10/590,546
	Applicant(s) Zieler et al.	
	Filing Date July 13, 2007	Art Unit 1645

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

	Cheng <i>et al.</i> , "Functional Rice Centromeres are Marked by a Satellite Repeat and a Centromere-Specific Retrotransposon," <i>Plant Cell</i> 14: 1691-1704 (2002).
	Choi <i>et al.</i> , "Construction and Characterization of a Bacterial Artificial Chromosome Library of <i>Arabidopsis thaliana</i> ," <i>Plant Molecular Biology Reporter</i> 13: 124-129 (1995).
	Choo, "Turning on the Centromere," <i>Nature Genetics</i> 18: 3-4 (1998).
	Choo, "Why Is the Centromere So Cold?" <i>Genome Research</i> 8: 81-82 (1998).
	Chowrira <i>et al.</i> , "In Vitro and In Vivo Comparison of Hammerhead, Hairpin, and Hepatitis Delta Virus Self-processing Ribozyme Cassettes," <i>The Journal of Biological Chemistry</i> 269: 25856-25864 (1994).
	Christou <i>et al.</i> , "Stable Transformation of Soybean Callus by DNA-Coated Gold Particles," <i>Plant Physiol.</i> 87: 671-674 (1988).
	Chu <i>et al.</i> , "Separation of Large DNA Molecules by Contour-Clamped Homogenous Electric Fields," <i>Science</i> 234: 1582-1585 (1986).
	Chye <i>et al.</i> , "Characterization of <i>TSC1</i> , a Nonviral Retroposon from <i>Arabidopsis thaliana</i> ," <i>Plant Molecular Biology</i> 35: 893-904 (1997).
	Clapp, "Somatic Gene Therapy into Hematopoietic Cells," <i>Clinics in Perinatology</i> 20: 155-168 (1993).
	Clarke <i>et al.</i> , "Centromeres: Proteins, Protein Complexes, and Repeated Domains at Centromeres of Simple Eukaryotes," <i>Genetics and Development</i> 8: 212-218 (1998).
	Clarke <i>et al.</i> , "Analysis of Centromeric DNA in the Fission Yeast <i>Schizosaccharomyces pombe</i> ," <i>Proc. Natl. Acad. Sci. USA</i> 83: 8253-8257 (1986).
	Clarke <i>et al.</i> , "Isolation of a Yeast Centromere and Construction of Functional Small Circular Chromosomes," <i>Nature</i> 287: 504-509 (1980).
	Cohen <i>et al.</i> , "Construction of Biologically Functional Bacterial Plasmids <i>In Vitro</i> ," <i>Proc. Nat. Acad. Sci. USA</i> 70: 3240-3244 (1973).
	Conkling <i>et al.</i> , "Isolation of Transcriptionally Regulated Root-Specific Genes from Tobacco," <i>Current Opinion Plant Physiol.</i> 93: 1203-1211 (1990).
	Copenhaver, <i>et al.</i> , "Centromeres in the Genomic Era: Unraveling Paradoxes," <i>Plant Biology</i> 2: 104-108 (1999).
	Copenhaver <i>et al.</i> , "Assaying Genome-wide Recombination and Centromere Functions with <i>Arabidopsis</i> tetrads," <i>Proc. Natl. Acad. Sci. USA</i> , 95: 247-252 (1998).
	Copenhaver <i>et al.</i> , "Tetrad Analysis in Higher Plants: A Budding Technology," <i>Plant Physiol.</i> , 124: 7-16 (2000).
	Copenhaver <i>et al.</i> , "RFLP and Physical Mapping with an rDNA-specific Endonuclease Reveals that Nucleolus Organizer Regions of <i>Arabidopsis thaliana</i> Adjoin the Telomeres on Chromosomes 2 and 4," <i>Plant Journal</i> 9: 259-276 (1996).
	Copenhaver <i>et al.</i> , "Genetic Definition and Sequence Analysis of <i>Arabidopsis</i> Centromeres," <i>Science</i> 286: 2468-2474 (1999).
	Copenhaver <i>et al.</i> , "Two-dimensional RFLP analyses Reveal Megabase-sized Clusters of rRNA Gene Variants in <i>Arabidopsis thaliana</i> , Suggesting Local Spreading of Variants as the Mode for Gene Homogenization During Concerted Evolution," <i>The Plant Journal</i> 9: 273-282 (1996).

EXAMINER:	DATE CONSIDERED:
-----------	------------------

Form PTO-1449 (Modified) INFORMATION DISCLOSURE STATEMENT	Atty. Docket No. 30844/30003A	Serial No. 10/590,546
	Applicant(s) Zieler et al.	
	Filing Date July 13, 2007	Art Unit 1645

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

	Copenhaver <i>et al.</i> , "Use of RFLPs Larger than 100 kbp to Map Position and Internal Organization of the Nucleolus Organizer Region on Chromosome 2 in <i>Arabidopsis thaliana</i> ," <i>Plant Journal</i> 7: 273-286 (1995).
	Copenhaver, "Using <i>Arabidopsis</i> to Understand Centromere Function: Progress and Prospects," <i>Chromosome Res.</i> 2993: 11: 255-62 (2003)
	Coxson <i>et al.</i> , "Pulse Release of Sugars and Polyols from Canopy Bryophytes in Tropical Montane Rain Forest (Guadeloupe, French West Indies)," <i>Biotropica</i> 24: 121-133 (1992).
	Creusot <i>et al.</i> , "The CIC Library: A Large Insert YAC Library for Genome Mapping in <i>Arabidopsis thaliana</i> ," <i>The Plant Journal</i> 8: 763-770 (1995).
	Cristou <i>et al.</i> , "Stable Transformation of Soybean Callus by DNA-Coated Gold Particles," <i>Plant Physiol.</i> 87: 671-674 (1988).
	Cuozzo <i>et al.</i> , "Viral Protection in Transgenic Tobacco Plants Expressing the Cucumber Mosaic Virus Coat Protein or Its Antisense RNA," <i>BioTechnology</i> 6: 549-557 (1988).
	Curiel <i>et al.</i> , "High-efficiency Gene Transfer Mediated by Adenovirus Coupled to DNA-polylysine Complexes," <i>Hum. Gen. Ther.</i> 3: 147-154 (1992).
	Curiel <i>et al.</i> , "Adenovirus Enhancement of Transferrin-Polylysine-Mediated Gene Delivery," <i>Proc. Natl. Acad. Sci. USA</i> 88: 8850-8854 (1991).
	Cutler <i>et al.</i> , "Winter Flounder Antifreeze Protein Improves the Cold Hardiness of Plant Tissues," <i>J. Plant Physiol.</i> 135: 351-354 (1989).
	Czapla <i>et al.</i> , "Effect of Plant Lectins on the Larval Development of European Corn Borer (<i>Lepidoptera: Pyralidae</i>) and Southern Corn Rootworm (<i>Coleoptera: Chrysomelidae</i>)," <i>J. Econ Entomol</i> 83: 2480-2485 (1990).
	Davies <i>et al.</i> , "Leaf Senescence in a Nonyellowing Mutant of <i>Festuca pratensis</i> ," <i>Plant Physiol.</i> 93: 588-595 (1990).
	Dellaporta <i>et al.</i> , "Molecular Cloning of the Maize <i>R-nj</i> Allele by Transposon Tagging with <i>Ac</i> ": <i>Chromosome Structure and Function: Impact of New Concepts</i> , 18 th Stadler Genetics Symposium 11: 263-282 (1988).
	Dennis <i>et al.</i> , "Knob Heterochromatin Homology in Maize and Its Relatives," <i>J. Mol. Evol.</i> 20: 341-350 (1984).
	Depicker <i>et al.</i> , "A Negative Selection Scheme for Tobacco Protoplast-Derived Cells Expressing the T-DNA Gene 2," <i>Plant Cell Reports</i> 7: 63-66 (1988).
	Di Laurenzio <i>et al.</i> , "The SCARECROW Gene Regulates an Asymmetric Cell Division that Is Essential for Generating the Radial Organization of the <i>Arabidopsis</i> Root," <i>Cell</i> , 86: 423-433 (1996).
	Discussion with David Baltimore as Moderator, "Recombinant Molecules: Impact on Science and Society": 337-352, New York, 1977.
	Donahue <i>et al.</i> , "The Nucleotide Sequence of the <i>HIS4</i> Region of Yeast," <i>Gene</i> . 18: 47-59 (1982).
	Dong <i>et al.</i> , "Rice (<i>Oryza Sativa</i>) Centromeric Regions Consist Of Complex DNA," <i>Proc. Natl. Acad. Sci. USA</i> 95: 8135-40 (1998).
	Dure III <i>et al.</i> , "Common Amino Acid Sequence Domains Among the LEA Proteins of Higher Plants," <i>Plant Molecular Biology</i> 12: 475-486 (1989).
	duSart <i>et al.</i> , "A Functional Neo-centromere Formed Through Activation of a Latent Human Centromere and Consisting of Non-alpha Satellite DNA," <i>Nature Genetics</i> 16: 144-153 (1997).

EXAMINER:	DATE CONSIDERED:
-----------	------------------

Form PTO-1449 (Modified) INFORMATION DISCLOSURE STATEMENT	Atty. Docket No. 30844/30003A	Serial No. 10/590,546
	Applicant(s) Zieler et al.	
	Filing Date July 13, 2007	Art Unit 1645

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

	Earnshaw <i>et al.</i> , "Proteins of the Inner and Outer Centromere of Mitotic Chromosomes," <i>Genome</i> 31: 541-552 (1989).
	Earnshaw <i>et al.</i> , "When is a Centromere Not a Kinetochore?" <i>Journal of Cell Science</i> 99: 1-4 (1991).
	Ebert <i>et al.</i> , "Identification of an Essential Upstream Element in the Nopaline Synthase Promoter by Stable and Transient Assays," <i>Proc. Natl. Acad. Sci. USA</i> 84: 5745-5749 (1987).
	Ecker, "PFGE and YAC Analysis of the <i>Arabidopsis</i> Genome," <i>Methods</i> 1: 186-194 (1990).
	Eglitis <i>et al.</i> , "Retroviral Vectors for Introduction of Genes into Mammalian Cells," <i>BioTechniques</i> 6: 608-614 (1988).
	Eglitis <i>et al.</i> , "Retroviral-mediated Gene Transfer into Hemopoietic Cells," <i>Adv. Exp. Med. Biol.</i> 241: 19-27 (1988).
	Enomoto <i>et al.</i> , "Mapping of the <i>pin</i> Locus Coding for a Site-Specific Recombinase that Causes Flagellar-Phase Variation in <i>Escherichia coli</i> K-12," <i>Journal of Bacteriology</i> 156: 663-668 (1983).
	Erdmann <i>et al.</i> , "Glycosylglycerol Accumulation During Salt Acclimation of Two Unicellular Cyanobacteria," <i>Journal of General Microbiology</i> 138: 363-368 (1992).
	Ferrin <i>et al.</i> , "Selective Cleavage of Human DNA: RecA-Assisted Restriction Endonuclease (RARE) Cleavage," <i>Science</i> 254: 1494-1497 (1991).
	Fitzpatrick, "Pleiotropic Gene Found in Barley Plant" <i>Gen. Engineering News</i> 13(5): 1, 22 (1993).
	Fleig. <i>et al.</i> , "Functional Selection for the Centromere DNA from Yeast Chromosome VIII," <i>Nuc. Acids. Res</i> 23: 922-924 (1995).
	Forster <i>et al.</i> , "Self-Cleavage of Plus and Minus RNAs of a Virusoid and a Structural Model for the Active Sites," <i>Cell</i> 49: 211-220 (1987).
	Fráley <i>et al.</i> , "The SEV System: A New Disarmed TI Plasmid Vector System for Plant Transformation," <i>BioTechnology</i> 3: 629-635 (1985).
	Fransz <i>et al.</i> , "Cytogenetics for the Model System <i>Arabidopsis thaliana</i> ," <i>The Plant Journal</i> 13: 867-876 (1998).
	Fransz <i>et al.</i> , "Integrated Cytogenetic Map of Chromosome Arm 4S Of <i>A. thaliana</i> : Structural Organization of Heterochromatic Knob and Centromere Region," <i>Cell</i> 100: 367-76 (2000).
	Frary <i>et al.</i> , "Molecular Mapping of the Centromeres of Tomato Chromosomes 7 and 9," <i>Mol Gen Genet.</i> , 250: 295-304 (1996).
	Fromm <i>et al.</i> , "Expression of Genes Transferred into Monocot and Dicot Plant Cells by Electroporation," <i>Proc. Nat. Acad. Sci. USA</i> 82: 5824-5828 (1985).
	Fromm <i>et al.</i> , "Stable Transformation of Maize After Gene Transfer by Electroporation," <i>Nature</i> 319: 791-793 (1986).
	Fujimara <i>et al.</i> , "Regeneration of Rice Plants from Protoplasts," <i>Plant Tissue Culture Letters</i> 2: 74 (1985).
	Fukui <i>et al.</i> , "Physical Arrangement of Retrotransposon-Related Repeats in Centromeric Regions of Wheat," <i>Plant Cell Physiology</i> , 42: 189-96 (2004).
	Fynan <i>et al.</i> , "DNA Vaccines: Protective Immunizations by Parenteral, Mucosal, and Gene-Gun Inoculations," <i>Proc. Nat. Acad. Sci. USA</i> 90: 11478-11482 (1993).
	Gatehouse <i>et al.</i> , "Effect of Seed Lectins from <i>Phaseolus vulgaris</i> on the Development of Larvae of <i>Callosobruchus maculatus</i> ; Mechanism of Toxicity," <i>J. Sci. Food. Agric.</i> 35: 373-380 (1984).

EXAMINER:	DATE CONSIDERED:
-----------	------------------

Form PTO-1449 (Modified) INFORMATION DISCLOSURE STATEMENT	Atty. Docket No. 30844/30003A	Serial No. 10/590,546
	Applicant(s) Zieler et al.	
	Filing Date July 13, 2007	Art Unit 1645

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

	Gefter <i>et al.</i> , "A Simple Method for Polyethylene Glycol-promoted Hybridization of Mouse Myeloma Cells," <i>Somatic Cell Genet.</i> 3: 231-236 (1977).
	GenBank Accession Number AF013103
	GenBank Accession Number AF049110
	GenBank Accession Number AF050437
	GenBank Accession Number AF050438
	GenBank Accession Number AF050452
	GenBank Accession Number AF050453
	GenBank Accession Number AF071126
	GenBank Accession Number AF078917
	GenBank Accession Number AF078922
	GenBank Accession Number AF078923
	GenBank Accession Number AF090447
	GenBank Accession Number AF123535
	GenBank Accession Number AF242891
	GenBank Accession Number AF273104
	GenBank Accession Number AF448416
	GenBank Accession Number AY129008
	GenBank Accession Number AY173950
	GenBank Accession Number AY321491
	GenBank Accession Number K01868
	GenBank Accession Number K02202
	GenBank Accession Number M35408
	GenBank Accession Number X01365
	GenBank Accession Number U39642
	Gerlach <i>et al.</i> , "Construction of a Plant Disease Resistance Gene from the Satellite RNA of Tobacco Ringspot Virus," <i>Nature</i> 328: 802-805 (1987).
	Gindullis <i>et al.</i> , "The Large-Scale Organization of the Centromeric Region in Beta Species," <i>Genome Res.</i> 11: 253-65 (2001).
	Gindullis, <i>et al.</i> , "Construction and Characterization of A BAC Library for the Molecular Dissection of a Single Wild Beet Centromere and Sugar Beet (<i>Beta Vulgaris</i>)," <i>Genome Analysis</i> , 44: 846-55 (2001).
	Giordano <i>et al.</i> , "Identification by Denaturing High-Performance Liquid Chromatography of Numerous Polymorphisms in a Candidate Region for Multiple Sclerosis Susceptibility," <i>Genomics</i> , 56: 247-253 (1999).
	Goding, <i>Monoclonal Antibodies: Principles and Practice</i> , Academic Press, Orlando, Florida, 60-74 (1986).

EXAMINER:	DATE CONSIDERED:
-----------	------------------

Form PTO-1449 (Modified) INFORMATION DISCLOSURE STATEMENT	Atty. Docket No. 30844/30003A	Serial No. 10/590,546
	Applicant(s) Zieler et al.	
	Filing Date July 13, 2007	Art Unit 1645

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

	Golic <i>et al.</i> , "The FLP Recombinase of Yeast Catalyzes Site-Specific Recombination in the <i>Drosophila</i> Genome" <i>Cell</i> 59: 499-509 (1989).
	Goring <i>et al.</i> , "Transformation of a Partial Nopaline Synthase Gene into Tobacco Suppresses the Expression of a Resident Wild-type Gene," <i>Proc. Natl. Acad. Sci. USA</i> 88, 1770-1774 (1991).
	Graham <i>et al.</i> , "Transformation of Rat Cells by DNA of Human Adenovirus 5," <i>Virology</i> 54: 536-539 (1973).
	Grellet <i>et al.</i> , "Organization and Evolution of a Higher Plant Alphoid-like Satellite DNA Sequence," <i>J. Mol. Biol.</i> 187: 495-507(1986).
	Grill <i>et al.</i> , "Construction and Characterization of a Yeast Artificial Chromosome Library of <i>Arabidopsis</i> Which Is Suitable for Chromosome Walking," <i>Mol. Gen. Genet.</i> 226: 484-490 (1991).
	Guerrero <i>et al.</i> , "Turgo-Responsive Gene Transcription and RNA Levels Increase Rapidly When Pea Shoots Are Wilted. Sequence and Expression of Three Inducible Genes," <i>Plant Molecular Biology</i> 15: 11-26 (1990).
	Gupta <i>et al.</i> , "Increased Resistance to Oxidative Stress in Transgenic Plants that Overexpress Chloroplastic Cu/Zn Superoxide Dismutase," <i>Proc. Natl. Acad. Sci. USA</i> 90: 1629-1633 (1993).
	Gutierrez-Marcos <i>et al.</i> , "Three Members of a Novel Small Gene-Family from <i>Arabidopsis thaliana</i> Able to Complement Functionally an <i>Escherichia coli</i> Mutant Defective in PAPS Reductase Activity Encode Proteins with a Thioredoxin-like Domain and "APS Reductase" Activity," <i>Proc. Natl. Acad. Sci. USA</i> 93: 13377-133824 (1996).
	Haaf <i>et al.</i> , "Integration of Human Satellite DNA into Simian Chromosomes: Centromere Protein Binding and Disruption of Normal Chromosome Segregation," <i>Cell</i> 70: 681-696 (1992).
	Hadlaczkzy <i>et al.</i> , "Centromere Formation in Mouse Cells Cotransformed with Human DNA and a Dominant Marker Gene," <i>Proc. Natl. Acad. Sci., USA</i> 88: 8106-8110 (1991).
	Hauge <i>et al.</i> , "Mapping the <i>Arabidopsis</i> Genome," <i>Symp. Society for Experimental Biology</i> , 45: 45-56 (1991).
	Hall, <i>et al.</i> , "The Rapidly Evolving Field Of Plant Centromeres," Department of Molecular Genetics and Cell Biology, The University of Chicago, Chicago, Illinois 60637, USA, <i>Curr. Opin Plant Biol.</i> 7:108-14 (2002).
	Hamilton <i>et al.</i> , "Stable Transfer of Intact High Molecular Weight DNA into Plant Chromosomes," <i>Proc. Natl. Acad. Sci. USA</i> 93: 9975-9979(1996)
	Hamilton, "A Binary BAC System for Plant Transformation with High-Molecular-Weight DNA," <i>Gene</i> 4: 200: 107-116 (1997).
	Hammock <i>et al.</i> , "Expression and Effects of the Juvenile Hormone Esterase in a Baculovirus Vector," <i>Nature</i> 344: 458-463 (1990).
	Harrington <i>et al.</i> , "Formation of <i>de novo</i> Centromeres and Construction of First-generation Human Artificial Microchromosomes," <i>Nature Genetics</i> 15: 345-354 (1997).
	Harrison <i>et al.</i> , "Centromeric Repetitive DNA Sequences in the Genus <i>Brassica</i> ," <i>Theor. Appl. Genet.</i> , 90: 157-165 (1995).
	Haseloff <i>et al.</i> , "Removal of a Cryptic Intron and Subcellular Localization of Green Fluorescent Protein Are Required to Mark Transgenic <i>Arabidopsis</i> Plants Brightly," <i>Proc. Natl. Acad. Sci. USA</i> 94: 2122-2127 (1997).
	Hegemann <i>et al.</i> , "The Centromere of Budding Yeast," <i>BioEssays</i> 15: 451-460 (1998).
	Heller <i>et al.</i> , "Mini-Chromosomes Derived from the Human Y Chromosome by Telomere Directed Chromosome Breakage," <i>Proc. Natl. Acad. Sci. USA</i> 93: 7125-7130 (1996).

EXAMINER:	DATE CONSIDERED:
-----------	------------------

Form PTO-1449 (Modified) INFORMATION DISCLOSURE STATEMENT	Atty. Docket No. 30844/30003A	Serial No. 10/590,546
	Applicant(s) Zieler et al.	
	Filing Date July 13, 2007	Art Unit 1645

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

	Hemenway <i>et al.</i> , "Analysis of the Mechanism of Protection in Transgenic Plants Expressing the Potato Virus X Coat Protein or its Antisense RNA," <i>The EMBO Journal</i> 7: 1273-1280 (1988).
	Heslop-Harrison <i>et al.</i> , "Polymorphisms and Genomic Organization of Repetitive DNA from Centromeric Regions of <i>Arabidopsis</i> Chromosomes," <i>Plant Cell</i> 11: 31-42 (1999).
	Hilder <i>et al.</i> , "A Novel Mechanism of Insect Resistance Engineered into Tobacco," <i>Nature</i> 330: 160-163 (1987).
	Hinchee <i>et al.</i> , "Production of Transgenic Soybean Plants Using <i>Agrobacterium</i> -Mediated DNA Transfer," <i>BioTechnology</i> 6: 915-922 (1988).
	Hoess <i>et al.</i> , "P1 Site-Specific Recombination: Nucleotide Sequence of the Recombining Sites," <i>Proc. Nat. Acad. Sci. USA</i> 79: 3398-3402 (1982).
	Houben <i>et al.</i> , "DNA and Proteins of Plant Centromeres," <i>Current Opinion in Plant Biology</i> 6: 554-560 (2003).
	Hsiao <i>et al.</i> , "High-Frequency Transformation of Yeast by Plasmids Containing the Cloned Yeast ARG4 Gene," <i>Proc. Nat. Acad. Sci. USA</i> 76: 3829-3833 (1979).
	Hudakova <i>et al.</i> , "Sequence Organization of Barley Centromeres," <i>Nucleic Acids Resources</i> , 29: 5029-35 (2001).
	Hudspeth <i>et al.</i> , "Structure and Expression of the Maize Gene Encoding the Phosphoenolpyruvate Carboxylase Isozyme Involved in C4 Photosynthesis," <i>Plant Molecular Biology</i> 12: 579-589 (1989).
	Hwang <i>et al.</i> , "Identification and Map Position of YAC Clones Comprising One-third of the <i>Arabidopsis</i> genome," <i>The Plant Journal</i> 1: 367-374 (1991).
	Ikeda, <i>et al.</i> , "Genetic Studies of Avermectin Biosynthesis in <i>Streptomyces avermitilis</i> ," <i>Journal of Bacteriology</i> 16: 5615-5621 (1987).
	Ikeno, <i>et al.</i> , "Construction of YAC-based Mammalian Artificial Chromosomes," <i>Nature Biotechnology</i> 16: 431-439 (1998).
	Ikuta <i>et al.</i> , "The Alpha-Amylase Gene as a Marker for Gene Cloning: Direct Screening of Recombinant Clones," <i>BioTechnology</i> 8: 241-242 (1990).
	Inohara <i>et al.</i> , "Two Genes, <i>atpC1</i> and <i>atpC2</i> , for the Subunit of <i>Arabidopsis thaliana</i> Chloroplast ATP Synthase," <i>The Journal of Biological Chemistry</i> 266: 7333-7338 (1991).
	Jiang <i>et al.</i> , "A Conserved Repetitive DNA Element Located in the Centromeres of Cereal Chromosomes," <i>Proc Natl Acad Sci USA</i> , 93: 4210-4213 (1996).
	Jiang <i>et al.</i> , "A Molecular View of Plant Centromeres," <i>Trends in Plant Science</i> 8: 570-575 (2003).
	Jin <i>et al.</i> , "Maize-Centromeres: Organization and Functional Adaptation in the Genetic Background of Oat, Department of Horticulture, University of Wisconsin-Madison, Madison, Wisconsin 53706, USA, <i>Plant Cell</i> 16: 57-81 (2004).
	Johnston <i>et al.</i> , "Gene Gun Transfection of Animal Cells and Genetic Immunization," <i>Methods in Cell Biology</i> 43: 353-363 (1994).
	Jones <i>et al.</i> , "T-DNA Structure and Gene Expression in Petunia Plants Transformed by <i>Agrobacterium tumefaciens</i> C58 Derivatives," <i>Mol. Gen. Genet.</i> 207: 478-485 (1987).
	Jones <i>et al.</i> , "High Level Expression of Introduced Chimaeric Genes in Regenerated Transformed Plants," <i>The EMBO Journal</i> 4: 2411-2418 (1985).

EXAMINER:	DATE CONSIDERED:
-----------	------------------

Form PTO-1449 (Modified) INFORMATION DISCLOSURE STATEMENT	Atty. Docket No. 30844/30003A	Serial No. 10/590,546
	Applicant(s) Zieler et al.	
	Filing Date July 13, 2007	Art Unit 1645

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

	Jorgensen <i>et al.</i> , "T-DNA is Organized Predominantly in Inverted Repeat Structures in Plants Transformed with <i>Agrobacterium tumefaciens</i> C58 Derivatives," <i>Mol. Gen. Genet.</i> 207: 471-477 (1987).
	Jouanin <i>et al.</i> , "Localization and Restriction Maps of Replication Origin Regions of the Plasmids of <i>Agrobacterium rhizogenes</i> Strain A ₄ ," <i>Mol. Gen. Genet.</i> 201: 370-374 (1985)
	Joyce, "RNA Evolution and the Origins of Life," <i>Nature</i> 338: 217-224 (1989).
	Karpen, "Position-effect Variegation and the New Biology of Heterochromatin," <i>Current Opinion in Genetics and Development</i> 4: 281-291 (1994).
	Karsten <i>et al.</i> , "Polyol Content of Bostrychia and Stictosiphonia (Rhodomelaceae, Rhodophyta) from Field and Culture," <i>Botanica Marina</i> 35: 11-19 (1992).
	Kaasen <i>et al.</i> , "Molecular Cloning and Physical Mapping of the otsBA Genes, Which Encode the Osmoregulatory Trehalose Pathway of <i>Escherichia coli</i> : Evidence that Transcription Is Activated by KatF (AppR)," <i>Journal of Bacteriology</i> 174: 889-898 (1992).
	Kaszás <i>et al.</i> , "Misdivision Analysis of Centromere Structure in Maize," <i>The EMBO Journal</i> 15: 5246-5255 (1996).
	Kato <i>et al.</i> , "Foreign DNA Introduced by Calcium Phosphate is Integrated into Repetitive DNA Elements of the Mouse L Cell Genome," <i>Molecular and Cellular Biology</i> 6: 1787-1795 (1986).
	Katz <i>et al.</i> , "Cloning and Expression of the Tyrosinase Gene from <i>Streptomyces antibioticus</i> in <i>Streptomyces lividans</i> ," <i>Journal of General Microbiology</i> 129: 2703-2714 (1983).
	Kim <i>et al.</i> , "Three-Dimensional Model of the Active Site of the Self-Splicing rRNA Precursor of Tetrahymena," <i>Proc. Nat. Acad. Sci. USA</i> 84: 8788-8792 (1987).
	Kishii, <i>et al.</i> , "A Tandem Repetitive Sequence Located in the Centromeric Region of Common Wheat (<i>Triticum Aestivum</i>) Chromosomes," <i>Chromosome Resources</i> , 9: 417-28 (2001).
	Klee <i>et al.</i> , "Vectors for Transformation of Higher Plants," <i>BioTechnology</i> 3: 637-642 (1985).
	Klein <i>et al.</i> , "High-Velocity Microprojectiles for Delivering Nucleic Acids into Living Cells," <i>Nature</i> 327: 70-73 (1987).
	Klein <i>et al.</i> , "Stable Genetic Transformation of Intact Nicotiana Cells by the Particle Bombardment Process," <i>Proc. Nat. Acad. Sci. USA</i> 85: 8502-8505 (1988).
	Kohler <i>et al.</i> , "Continuous Cultures of Fused Cells Secreting Antibody of Predefined Specificity," <i>Nature</i> 256: 495-497 (1975).
	Kohler <i>et al.</i> , "Derivation of Specific Antibody-Producing Tissue Culture and Tumor Lines by Cell Fusion," <i>Eur. J. Immunol.</i> 6: 511-519 (1976).
	Kolchinsky <i>et al.</i> , "A Major Satellite DNA of Soybean is a 92-base Pairs Tandem Repeat" <i>Theor. Appl. Genet.</i> 90: 621-626 (1995).
	Konieczny <i>et al.</i> , "A Superfamily of <i>Arabidopsis thaliana</i> Retrotransposons," <i>Genetics</i> 127: 801-809 (1991).
	Konieczny <i>et al.</i> , "A Procedure for Mapping <i>Arabidopsis</i> Mutations Using Co-dominant Ectotype-specific PCR-based Markers," <i>The Plant Journal</i> 4: 403-310 (1993).
	Koorneef <i>et al.</i> , "Trisomics in <i>Arabidopsis thaliana</i> and the Location of Linkage Groups," <i>Genetica</i> 61: 41-46 (1983).
	Koorneef, "Linkage Map of <i>Arabidopsis thaliana</i> (2n=10)," In S.J. O'Brien, ed., <i>Genetic Maps 1987: A Compilation of Linkage and Restriction Maps of Genetically Studied Organisms</i> , 742-745 (1987).

EXAMINER:

DATE CONSIDERED:

Form PTO-1449 (Modified) INFORMATION DISCLOSURE STATEMENT	Atty. Docket No. 30844/30003A	Serial No. 10/590,546
	Applicant(s) Zieler et al.	
	Filing Date July 13, 2007	Art Unit 1645

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

	Koorneef, "The Use of Telotrisomics for Centromere Mapping in <i>Arabidopsis thaliana</i> (L.) Heynh.," <i>Genetica</i> 62: 33-40 (1983).
	Koster <i>et al.</i> , "Sugars and Desiccation Tolerance in Seeds," <i>Plant Physiol.</i> 88: 829-832 (1988).
	Kotani <i>et al.</i> , "Structural Analysis and Complete Physical Map of <i>Arabidopsis thaliana</i> Chromosome 5 Including Centromeric Telomeric Regions," <i>DNA Research</i> 6: 381-386 (1999).
	Kuhn <i>et al.</i> , "Clustered tRNA Genes in <i>Schizosaccharomyces pombe</i> Centromeric DNA Sequence Repeats," <i>Proc. Nat. Acad. Sci. USA</i> 88: 1306-1310 (1991).
	Kumekawa <i>et al.</i> , "The Size and Sequence Organization of the Centromeric Region of <i>Arabidopsis thaliana</i> Chromosome 5," <i>DNA Resources</i> , 7: 315-21 (2000).
	Kurata <i>et al.</i> , "Rice Genome Organization: The Centromere and Genome Interactions," <i>Ann Bot</i> 90: 427-35 (2002).
	Kyte <i>et al.</i> , "A Simple Method for Displaying the Hydropathic Character of a Protein," <i>J. Mol. Biol.</i> 157: 105-132 (1982).
	Lakshmikumarin <i>et al.</i> , "Isolation and Characterization of a Highly Repetitive DNA of <i>Brassica campestris</i> ," <i>Plant Molecular Biology</i> 14: 447-448 (1990).
	Lawton <i>et al.</i> , "Expression of a Soybean -conglycinin Gene under the Control of the Cauliflower Mosaic Virus 35S and 19S Promoters in Transformed Petunia Tissues," <i>Plant Molecular Biology</i> 9: 315-324 (1987).
	Lechner <i>et al.</i> , "A 240 kd Multisubunit Protein Complex, CBF3, Is a Major Component of the Budding Yeast Centromere," <i>Cell</i> 64: 717-725 (1991).
	Lee <i>et al.</i> , "Use of Cloned <i>mtl</i> Genes of <i>Escherichia coli</i> to Introduce <i>mtl</i> Deletion Mutations into the Chromosome," <i>Journal of Bacteriology</i> 153: 685-692 (1983).
	Levings III, "The Texas Cytoplasm of Maize: Cytoplasmic Male Sterility and Disease Susceptibility," <i>Science</i> 250: 942-947 (1990).
	Li <i>et al.</i> , "Direct Electrophoretic Detection of the Allelic State of Single DNA Molecules in Human Sperm by Using the Polymerase Chain Reaction," <i>Proc. Natl. Acad. Sci. USA</i> 87: 4580-4584 (1990).
	Li <i>et al.</i> , "CUE1: A Mesophyll Cell-Specific Positive Regulator of Light-Controlled Gene Expression in <i>Arabidopsis</i> ," <i>The Plant Cell</i> 7: 1599-1610 (1995).
	Lieber <i>et al.</i> , "Selection of Efficient Cleavage Sites in Target RNAs by Using a Ribozyme Expression Library," <i>Molecular and Cellular Biology</i> 15: 540-551 (1995).
	Lin <i>et al.</i> , "Sequence and Analysis of Chromosome 2 of the Plant <i>Arabidopsis thaliana</i> ," <i>Nature</i> 402: 761-768 (1999).
	Liu, Y.G., <i>et al.</i> , "Complementation of Plant Mutants with Large Genomic DNA Fragments by a Transformation-Competent Artificial Chromosome Vector Accelerates Positional Cloning," <i>Proc. Natl. Acad. Sci. USA</i> 96: 6535-6540 (1999).
	Lohe <i>et al.</i> , "Return of the H-word (heterochromatin)," <i>Current Opinion in Genetics and Development</i> 5: 746-755 (1995).
	Loomis <i>et al.</i> , "Cyroprotective Capacity of End Products of Anaerobic Metabolism," <i>The Journal of Experimental Zoology</i> 252: 9-15 (1989).
	Lorz <i>et al.</i> , "Gene Transfer to Cereal Cells Mediated by Protoplast Transformation," <i>Mol. Gen. Genet.</i> 199: 178-182 (1985).

EXAMINER:	DATE CONSIDERED:
-----------	------------------

Form PTO-1449 (Modified) INFORMATION DISCLOSURE STATEMENT	Atty. Docket No. 30844/30003A	Serial No. 10/590,546
	Applicant(s) Zieler et al.	
	Filing Date July 13, 2007	Art Unit 1645

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

	Louis, "Corrected Sequence for the Right Telomere of <i>Saccharomyces cerevisiae</i> Chromosome III," <i>Yeast</i> 10: 271-274 (1994).
	Lu <i>et al.</i> , "High Efficiency Retroviral Mediated Gene Transduction into Single Isolated Immature and Replatable CD34 ³⁺ Hemotopoietic Stem/Progenitor Cells from Human Umbilical Cord Blood," <i>J. Ex. Med.</i> 178: 2089-2096 (1993).
	Maeser <i>et al.</i> , "The Gin Recombinase of Phase Mu Can Catalyze Site-Specific Recombination in Plant Protoplasts," <i>Mol. Gen. Genet</i> 230: 170-176 (1991).
	Mahtani <i>et al.</i> , "Physical and Genetic Mapping of the Human X Chromosome Centromere: Repression of Recombination," <i>Genome Research</i> 8: 100-110 (1998).
	Maloy, S.R., Experimental Techniques in Bacterial Genetics, Jones and Bartlett, <i>Ann. N.Y. Acad. Sci.</i> 646 (1991). Table of Contents only.
	Maluszynska <i>et al.</i> , "Localization of Tandemly Repeated DNA Sequences in <i>Arabidopsis thaliana</i> ," <i>The Plant Journal</i> 1: 159-166 (1991).
	Maluszynska <i>et al.</i> , "Molecular Cytogenetics of the Genus <i>Arabidopsis</i> : <i>In situ</i> Localization of rDNA Sites, Chromosome Numbers and Diversity in Centromeric Heterochromatin," <i>Annals of Botany</i> 71: 479-484 (1993).
	Marcotte <i>et al.</i> , "Regulation of a Wheat Promoter by Abscissic Acid in Rice Protoplasts" <i>Nature</i> 335: 454 (1988).
	Mariani <i>et al.</i> , "Induction of Male Sterility in Plants by a Chimaeric Ribonuclease Gene," <i>Nature</i> 357: 737-741 (1990).
	Marra <i>et al.</i> , "A Map for Sequence Analysis of the <i>Arabidopsis thaliana</i> Genome," <i>Nature Genetics</i> 22: 265-270 (1999).
	Martinez-Zapater <i>et al.</i> , "A Highly Repeated DNA Sequence in <i>Arabidopsis thaliana</i> ," <i>Mol. Gen. Genet</i> 204: 417-423 (1986).
	Matsuura <i>et al.</i> , "The <i>sre</i> Gene (ORF459) Encodes a Site-Specific Recombinase Responsible for Integration of the R4 Phage Genome," <i>Journal of Bacteriology</i> 178: 3374-3376 (1996).
	McCabe <i>et al.</i> , "Stable Transformation of Soybean (<i>Glycine Max</i>) by Particle Acceleration," <i>BioTechnology</i> 6: 924-926 (1988).
	Michel <i>et al.</i> , "Modeling of the Three-dimensional Architecture of Group I Catalytic Introns Based on Comparative Sequence Analysis," <i>J. Mol. Biol.</i> 216: 585-610 (1990).
	Miller <i>et al.</i> , "Retrotransposon-Related DNA Sequences in the Centromeres of Grass Chromosomes," <i>Genetics</i> 150: 1615-23 (1998).
	Mortimer <i>et al.</i> , "Genetic Mapping in <i>Saccharomyces cerevisiae</i> ," Department of Biophysics and Medical Physics and Donner Laboratory, University of California at Berkeley: 11-26 (1981).
	Mozo <i>et al.</i> , "A Complete BAC-based Physical Map of the <i>Arabidopsis thaliana</i> Genome," <i>Nature Genetics</i> 22: 271-275 (1999).
	Mozo <i>et al.</i> , "Construction and Characterization of the IGF <i>Arabidopsis</i> BAC Library," <i>Mol. Gen. Genet.</i> 258: 562-570 (1998).
	Mundy <i>et al.</i> , "Abscissic Acid and Water-stress Induce the Expression of a Novel Rice Gene," <i>The EMBO Journal</i> 7: 2279-2286 (1988).
	Murakami <i>et al.</i> , "The Bialaphos Biosynthetic Genes of <i>Streptomyces hygrosopicus</i> : Molecular Cloning and Characterization of the Gene Cluster," <i>Mol. Gen. Genet.</i> 205: 42-50 (1986).

EXAMINER:	DATE CONSIDERED:
-----------	------------------

Form PTO-1449 (Modified) INFORMATION DISCLOSURE STATEMENT	Atty. Docket No. 30844/30003A	Serial No. 10/590,546
	Applicant(s) Zieler et al.	
	Filing Date July 13, 2007	Art Unit 1645

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

	Murata <i>et al.</i> , "Physical Mapping of the 5S Ribosomal RNA Genes in <i>Arabidopsis thaliana</i> by Multi-Color Fluorescence <i>in situ</i> Hybridization with Cosmid Clones," <i>The Plant Journal</i> 12: 31-37 (1997).
	Murata <i>et al.</i> , "Centromeric Repetitive Sequences In <i>Arabiidopsis thaliana</i> ," <i>Jpn J Genet.</i> 69: 361-370 (1994).
	Murdock <i>et al.</i> , "Biological Effects of Plant Lectins on the Cowpea Weevil," <i>Phytochemistry</i> 29: 85-89 (1990).
	Murphy <i>et al.</i> , "Localization of Centromere Function in a Drosophila Minichromosome," <i>Cell</i> 82: 599-609 (1995).
	Murray <i>et al.</i> , "Construction of Artificial Chromosomes in Yeast," <i>Nature</i> 305: 189-193(1983).
	Mysore <i>et al.</i> , "An <i>Arabidopsis</i> Histone H2A Mutant is Deficient in <i>Agrobacterium</i> T-DNA Integration," <i>Proc. Natl. Acad. Sci USA</i> 97: 948-953 (2000).
	Mysore <i>et al.</i> , " <i>Arabidopsis</i> Ecotypes and Mutants That Are Recalcitrant to <i>Agrobacterium</i> Root Transformation Are Susceptible to Germ-line Transformation," <i>The Plant Journal</i> 21: 9-16 (2000).
	Nagaki <i>et al.</i> , "Molecular and Cytological Analysis of Large Tracks of Centrometic DNA Reveal the Structure and Evolutionary Dynamics of Maize Centromeres," <i>Genetics</i> 163: 759-70 (2003).
	Nagaki <i>et al.</i> , "Sequencing of a Rice Centromere Uncovers Active Genes", <i>Nature Genet.</i> 36: 138-145 (2004).
	Nakamura <i>et al.</i> , "Construction of an 800-KB Contig in the Near-Centromeric Region of the Rice Blast Resistance Gene <i>Pi-ta2</i> Using a Highly Representative Rice BAC Library," <i>Mol Gen Genet.</i> 254: 611-620 (1997).
	Napoli <i>et al.</i> , "Introduction of a Chimeric Chalcone Synthase Gene into Petunia Results in Reversible Co-Suppression of Homologous Genes <i>in trans</i> ," <i>The Plant Cell</i> 2: 279-298 (1990).
	Negrutiu, <i>et al.</i> "Plant Protoplasts as Genetic Tool: Selectable Markers for Developmental Studies," <i>Int. J. Dev. Biol.</i> 36: 73-84 (1992).
	Nester <i>et al.</i> , "Crown Gall: A Molecular and Physiological Analysis," <i>Ann Rev. Plant Physiol</i> 35: 387-413(1984).
	Nicklas, "The Forces That Move Chromosomes in Mitosis," <i>Ann. Rev. Biophys. Biophys. Chem.</i> 17: 431-449 (1988).
	Nonomura <i>et al.</i> , "Organization Of The 1.9-KB Repeat Unit RCE1 in the Centromeric Region of Rice Chromosomes," <i>Mol Gen Genet.</i> 261: 1-10 (1999).
	Nonomura, <i>et al.</i> , "The Centromere Composition Of Multiple Repetitive Sequences on Rice," <i>Chromosome</i> 5, 110: 284-91 (2001).
	Noutoshi <i>et al.</i> , "Designing of Plant Artificial Chromosome (PAC) by Using the Chlorella Smallest Chromosome as a Model System," <i>Nucleic Acids Symp. Ser.</i> 37: 143-4 (1997).
	Nussbaum <i>et al.</i> , "Construction and Propagation of a Defective Simian Virus 40 Genome Bearing an Operator from Bacteriophage," <i>Proc. Nat. Acad. Sci. USA</i> 73: 1068-1072 (1976).
	Odell <i>et al.</i> , "Identification of DNA Sequences Required for Activity of the Cauliflower Mosaic Virus 35S Promoter," <i>Nature</i> 313: 810-812 (1985).
	Ohmori <i>et al.</i> , "Nucleotide Sequence of the Region Required for Maintenance of Colicin E1 Plasmid," <i>Mol. Gen. Genet.</i> 176: 161-170 (1979).

EXAMINER:	DATE CONSIDERED:
-----------	------------------

Form PTO-1449 (Modified) INFORMATION DISCLOSURE STATEMENT	Atty. Docket No. 30844/30003A	Serial No. 10/590,546
	Applicant(s) Zieler et al.	
	Filing Date July 13, 2007	Art Unit 1645

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

	Omirulleh <i>et al.</i> , "Activity of a Chimeric Promoter with the Doubled CaMV 35S Enhancer Element in Protoplast-derived Cells and Transgenic Plants in Maize," <i>Plant Molecular Biology</i> 21: 415-428 (1993).
	Ow <i>et al.</i> , "Transient and Stable Expression of the Firefly Luciferase Gene in Plant Cells and Transgenic Plants," <i>Science</i> 234: 856-859 (1986).
	Page <i>et al.</i> , "Characterization of a Maize Chromosome 4 Centromeric Sequence: Evidence for an Evolutionary Relationship with the B Chromosome Centromere," <i>Genetics</i> 159: 291-301 (2001).
	Palukaitis <i>et al.</i> , "Characterization of a Viroid Associated with Avocado Sunblotch Disease," <i>Virology</i> 99: 145-151 (1979).
	Peacock <i>et al.</i> , "Highly Repeated DNA Sequence Limited to Knob Heterochromatin in Maize," <i>Proc. Nat. Acad. Sci. USA</i> 78: 4490-4494 (1981).
	Pelissier <i>et al.</i> , "DNA Regions Flanking the Major <i>Arabidopsis thaliana</i> Satellite Are Principally Enriched in <i>Athila</i> Retroelement Sequences," <i>Genetica</i> 97: 141-151 (1996).
	Pelissier <i>et al.</i> , "Athila, a New Retroelement from <i>Arabidopsis thaliana</i> ," <i>Plant Mol. Biol.</i> 29: 441-552 (1995).
	Perkins, "The Detection of Linkage in Tetrad Analysis," <i>Genetics</i> 38: 187-197 (1953).
	Perlak <i>et al.</i> , "Modification of the Coding Sequence Enhances Plant Expression of Insect Control Protein Genes," <i>Proc. Natl. Acad. Sci USA</i> 88: 3324-3328 (1991).
	Perriman <i>et al.</i> , "Extended Target-Site Specificity for a Hammerhead Ribozyme," <i>Gene</i> 113: 157-163 (1992).
	Peterson <i>et al.</i> , "Production of Transgenic Mice with Yeast Artificial Chromosomes," <i>TIG</i> 13: 61-66 (1997).
	Phi-Van <i>et al.</i> , "The Chicken Lysozyme 5' Matrix Attachment Region Increases Transcription from a Heterologous Promoter in Heterologous Cells and Dampens Position Effects on the Expression of Transfected Genes," <i>Molecular and Cellular Biology</i> 10: 2302-2307 (1990).
	Piatowski <i>et al.</i> , "Characterization of Five Abscissic Acid-Responsive cDNA Clones Isolated from the Dessication-Tolerant Plant <i>Cratogeomys plantagineum</i> and Their Relationship to Other Water-Stress Genes," <i>Plant Physiol.</i> 94: 1682-1688 (1990).
	Potrykus <i>et al.</i> , "Direct Gene Transfer to Cells of a Graminaceous Monocot," <i>Mol. Gen. Genet.</i> 199: 183-188 (1985).
	Prasher <i>et al.</i> , "Cloning and Expression of the cDNA Coding for Aequorin, a Bioluminescent Calcium-binding Protein," <i>Biochem Biophys. Res. Commun</i> 126: 1259-1268 (1985).
	Presting <i>et al.</i> , "A Ty3/gypsy Retrotransposon-Like Sequence Localizes to the Centromeric Regions of Cereal Chromosomes," <i>Plant J.</i> 16: 721-8 (1998).
	Preuss <i>et al.</i> , "Tetrad Analysis Possible in <i>Arabidopsis</i> with Mutation of the QUARTET (QRT) Genes," <i>Science</i> 264: 1458-1460 (1994).
	Price <i>et al.</i> , "Systematic Relationships of <i>Arabidopsis</i> : A Molecular and Morphological Perspective," in Somerville, C. and Meyerowitz, E. (eds.), <i>Arabidopsis</i> , Cold Spring Harbor Press, New York (1995) pp 7-19.
	Prody <i>et al.</i> , "Autolytic Processing of Dimeric Plant Virus Satellite RNA," <i>Science</i> 231: 1577-80 (1986).
	Puechberty, J., "Genetic and Physical Analyses of the Centromeric and Pericentromeric Regions of Human Chromosome 5: Recombination Across 5cen," <i>Genomics</i> 56: 274-87 (1999).
	Rathore <i>et al.</i> , "Use of <i>bar</i> as a Selectable Marker Gene and for the Production of Herbicide-Resistant Rice Plants from Protoplasts," <i>Plant Molecular Biology</i> 21: 871-884 (1993).

EXAMINER:	DATE CONSIDERED:
-----------	------------------

Form PTO-1449 (Modified) INFORMATION DISCLOSURE STATEMENT	Atty. Docket No. 30844/30003A	Serial No. 10/590,546
	Applicant(s) Zieler et al.	
	Filing Date July 13, 2007	Art Unit 1645

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

	Rattner <i>et al.</i> , "The Structure of the Mammalian Centromere," <i>BioEssays</i> 13: 51-56 (1991).
	Ravatn <i>et al.</i> , "Int-B13, An Unusual Site-Specific Recombinase of the Bacteriophage P4 Integrase Family, Is Responsible for Chromosomal Insertion of the 105-Kilobase <i>clc</i> Element of <i>Pseudomonas</i> sp. Strain B13," <i>Journal of Bacteriology</i> 180: 5505-5514.
	Reed <i>et al.</i> , "Carbohydrate Accumulation and Osmotic Stress in Cyanobacteria," <i>J. Gen. Microbiology</i> 130: 1-4 (1984).
	Reichel <i>et al.</i> , "Enhanced Green Fluorescence by the Expression of an <i>Aequorea victoria</i> Green Fluorescent Protein Mutant in Mono- and Dicotyledonous Plant Cells," <i>Proc. Nat. Acad. Sci. USA</i> 93: 5888-5893 (1996).
	Reinhold-Hurek <i>et al.</i> , "Self-splicing Introns in tRNA Genes of Widely Divergent Bacteria," <i>Nature</i> 357: 173-176 (1990).
	Rensburg <i>et al.</i> , "Proline Accumulation as Drought-tolerance Selection Criterion: Its Relationship to Membrane Integrity and Chloroplast Ultrastructure in <i>Nicotiana tabacum</i> L.," <i>J. Plant Physiol.</i> 141: 188-194 (1993).
	Richards <i>et al.</i> , "The Centomere Region of <i>Arabidopsis thaliana</i> Chromosome 1 Contains Telomere-Similar Sequences," <i>Nucleic Acids Research</i> 19: 3351-3357 (1991).
	Richards <i>et al.</i> , "Isolation of a Higher Eukaryotic Telomere from <i>Arabidopsis thaliana</i> ," <i>Cell</i> 53: 127-136 (1988).
	Richards <i>et al.</i> , "Plant Centromeres: Structure And Control," <i>Curr Opin Plant Biol.</i> 1: 130-135 (1998).
	Rieder, "The Formation, Structure, and Composition of the Mammalian Kinetochore and Kinetochore Fiber," New York State Department of Health, Division of Laboratories and Research, <i>Intl. Rev. Cytol.</i> 79: 1-58 (1982)
	Rogers <i>et al.</i> , "Improved Vectors for Plant Transformation: Expression Cassette Vectors and New Selectable Markers," <i>Methods in Enzymology</i> 153: 253-277.
	Rosenberg <i>et al.</i> , "'RFLP Subtraction": A Method for Making Libraries of Polymorphic Markers," <i>Proc. Natl. Acad. Sci. USA</i> 91: 6113-6117 (1994).
	Rosenfeld, "Human artificial chromosomes get real," <i>Nature Genetics</i> 15: 333-335 (1997).
	Round <i>et al.</i> , " <i>Arabidopsis thaliana</i> Centromere Regions: Genetic Map Positions and Repetitive DNA Structure," <i>Genome Research</i> 7: 1045-1053 (1997).
	Sasnauskas <i>et al.</i> , "Molecular Cloning and Analysis of Autonomous Replicating Sequence of <i>Candida maltosa</i> ," <i>Yeast</i> 8: 253-259 (1992).
	Sauer, "Functional Expression of the <i>cre-lox</i> Site-Specific Recombination System in the Yeast <i>Saccharomyces cerevisiae</i> ," <i>Molecular and Cellular Biology</i> 7: 2087-2096 (1987).
	Schmidt <i>et al.</i> , "Analysis of Clones Carrying Repeated DNA Sequences in Two YAC Libraries of <i>Arabidopsis thaliana</i> DNA," <i>The Plant Journal</i> 5: 735-744 (1994).
	Schmidt <i>et al.</i> , "Physical Map and Organization of <i>Arabidopsis thaliana</i> Chromosome 4," <i>Science</i> , 270: 480-483 (1995).
	Schwartz <i>et al.</i> , "New Techniques for Purifying Large DNAs and Studying Their Properties and Packaging," Department of Human Genetics and Development, Columbia University: 189-195.
	Schweizer <i>et al.</i> , "Species-specific DNA sequences for identification of somatic hybrids between <i>Lycopersicon esculentum</i> and <i>Solanum acaule</i> ," <i>Theor. Appl. Genet</i> 75: 679-684 (1988).

EXAMINER:

DATE CONSIDERED:

Form PTO-1449 (Modified) INFORMATION DISCLOSURE STATEMENT	Atty. Docket No. 30844/30003A	Serial No. 10/590,546
	Applicant(s) Zieler et al.	
	Filing Date July 13, 2007	Art Unit 1645

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

	Sears <i>et al.</i> , "Cytogenic Studies in <i>Arabidopsis thaliana</i> ," Department of Genetics, University of Missouri, <i>Can. J. Genet. Cytol.</i> 12: 217-223 (1970)
	Shagan <i>et al.</i> , "Nucleotide Sequence of an <i>Arabidopsis thaliana</i> Turgor-Responsive cDNA Clone Encoding TMP-A, a Transmembrane Protein Containing the Major Intrinsic Protein Motif," <i>Plant Physiol.</i> 101: 1397-1398 (1993).
	Sheen <i>et al.</i> , "Green-flourescent Protein as a New Vital Marker in Plant Cells," <i>The Plant Journal</i> 8: 777-784 (1985).
	Simoens <i>et al.</i> , "Characterization of Highly Repetitive Sequences of <i>Arabidopsis thaliana</i> ," <i>Nucleic Acids Research</i> 16: 6753-6766 (1988).
	Singh <i>et al.</i> , "Centromere Mapping and Orientation of the Molecular Linkage Mao of Rice (<i>Oryza Sativa</i> L.)," <i>Proc Natl Acad Sci USA.</i> 93: 6163-6168 (1996).
	Smith <i>et al.</i> , "Expression of Truncated Tomato Polygalacturonase Gene Inhibits Expression of the Endogenous Gene in Transgenic Plants," <i>Mol. Gen. Genet.</i> 224: 447-481 (1990).
	Smithies <i>et al.</i> , "Insertion of DNA Sequences into the Human Chromosomal - Globin Locus by Homologous Recombination," <i>Nature</i> 317: 230-234 (1985).
	Smyth, "New <i>Arabidopsis</i> Mutations that Result in All Four Products of Meiosis Being Held Together as a Tetrad of Fused Pollen Grains May Facilitate Genetic Mapping and Lead to New Insights into Pollen Biology," <i>Current Biology</i> 4: 851-853 (1994).
	Somerville <i>et al.</i> , "Plant Functional Genomics," <i>Science</i> 285: 380-383 (1999).
	Spielmann <i>et al.</i> , "T-DNA Structure in Transgenic Tobacco Plants with Multiple Independent Integration Sites," <i>Mol. Gen. Genet.</i> 205: 34-43 (1986).
	Stalker <i>et al.</i> , "Herbicide Resistance in Transgenic Plants Expressing a Bacterial Detoxification Gene," <i>Science</i> 242: 419-423 (1988).
	Steifel <i>et al.</i> , "Herbicide Resistance in Transgenic Plants Expressing a Bacterial Detoxification Gene," <i>Nature</i> 341: 343 (1989).
	Stinchomb <i>et al.</i> , "Isolation and Characterisation of a Yeast Chromosomal Replicator," <i>Nature</i> 282: 39-43 (1979).
	Stone <i>et al.</i> , " <i>LEAFY COTYLEDON2</i> Encodes a B3 Domain Transcription Factor that Induces Embryo Development," <i>Proc. Natl. Acad. Sci. USA</i> , 98:11806-11811 (2001).
	Stougaard, "Substrate-Dependent Negative Selection in Plants Using a Bacterial Cytosine Deaminase Gene," <i>The Plant Journal</i> 3: 755-761 (1993).
	Sullivan <i>et al.</i> , "Isolation and Characterization of a Maize Chlorophyll a/b Binding protein Gene that Produces High Levels of mRNA in the Dark," <i>Mol. Gen. Genet.</i> 215: 431-440 (1980).
	Sun <i>et al.</i> , "Human Artificial Episomal Chromosomes for Cloning Large DNA Fragments in Human Cells," <i>Nature Genetics</i> 8: 33-41 (1994).
	Sun <i>et al.</i> , "Molecular Structure of a Functional <i>Drosophila</i> Centromere," <i>Cell</i> 91: 1007-1019 (1997).
	Sutcliffe, "Nucleotide Sequence of the Ampicillin Resistance Gene of <i>Escherichia coli</i> Plasmid pBR322," <i>Proc. Natl Acad. Sci USA</i> 75: 3737-3741 (1978).
	Symington <i>et al.</i> , "Meiotic Recombination Within the Centromere of a Yeast Chromosome," <i>Cell</i> 52: 237-240 (1988).
	Symons, "Avocado Sunblotch Viroid: Primary Sequence and Proposed Secondary Structure," <i>Nucleic Acids Research</i> 9: 6527-6537 (1981).

EXAMINER:

DATE CONSIDERED:

Form PTO-1449 (Modified) INFORMATION DISCLOSURE STATEMENT	Atty. Docket No. 30844/30003A	Serial No. 10/590,546
	Applicant(s) Zieler et al.	
	Filing Date July 13, 2007	Art Unit 1645

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

	Symons, "Small Catalytic RNAs," <i>Annu. Rev. Biochem</i> 61: 641-671 (1992).
	Tarczynski <i>et al.</i> , "Expression of a Bacterial mtd Gene in Transgenic Tobacco Leads to Production and Accumulation of Mannitol," <i>Proc. Nat. Acad. Sci. USA</i> 89: 2600-2604 (1992).
	Tarczynski <i>et al.</i> , "Stress Protection of Transgenic Tobacco by Production of the Osmolyte Mannitol," <i>Science</i> 259: 508-510 (1993).
	Tavoletti <i>et al.</i> , "Half Tetrad Analysis in Alfalfa Using Multiple Restriction Fragment Length Polymorphism Markers," <i>Proc. Natl. Acad. Sci. Online</i> 93: 10918-10922 (1996).
	Thillet <i>et al.</i> , "Site-directed Mutagenesis of Mouse Dihydrofolate Reductase. Mutants with Increased Resistance to Methotrexate and Trimethoprim," <i>J. Biol. Chem</i> 263: 12500-12508 (1988).
	Thomas <i>et al.</i> , "High-Frequency Targeting of Genes to Specific Sites in the Mammalian Genome," <i>Cell</i> 44: 419-428 (1986).
	Thomas <i>et al.</i> , "Viable Molecular Hybrids of Bacteriophage Lambda and Eukaryotic DNA," <i>Proc. Nat. Acad. Sci. USA</i> 71: 4579 (1974).
	Thompson <i>et al.</i> , "Identification and Distribution of Seven Classes of Middle-Repetitive DNA in the <i>Arabidopsis thaliana</i> Genome," <i>Nucleic Acids Research</i> 24: 3017-3022 (1996).
	Thompson <i>et al.</i> , "Decreased Expression of BRCA1 Accelerates Growth and Is Often Present During Sporadic Breast Cancer Progression," <i>Nature Genet.</i> 9: 444-450 (1995).
	Thompson <i>et al.</i> , "A Novel Repetitive Sequence Associated with the Centrometric Regions of <i>Arabidopsis thaliana</i> Chromosomes," <i>Mol Gen Genet</i> 253: 247-252, (1996).
	Tian <i>et al.</i> , "Expression of the Green Fluorescent Protein Gene in Conifer Tissues," <i>Plant Cell Reports</i> 16: 267-271 (1997).
	Tominaga, "The Site-specific Recombinase Encoded by pinD in <i>Shigella dysenteriae</i> is due to the presence of a defective Mu prophage," <i>Microbiol.</i> 143: 2057-2063 (1997).
	Toriyama <i>et al.</i> , "Haploid and Diploid Plant Regeneration from Protoplasts of Another Callus in Rice," <i>Theor Appl. Genet.</i> 73: 16-19 (1986).
	Tsay <i>et al.</i> , "Identification of a Mobile Endogenous Transposon in <i>Arabidopsis thaliana</i> ," <i>Science</i> 260: 342-344 (1993).
	Tugal <i>et al.</i> , " <i>Arabidopsis</i> 22-Kilodalton Peroxisomal Membrane Protein, Nucleotide Sequence Analysis and Biochemical Characterization," <i>Plant Physiology</i> 120: 309-320 (1999).
	Twell <i>et al.</i> , "Promoter Analysis of Genes that Are Coordinately Expressed During Pollen-Specific Enhancer Sequences and Shared Regulatory Elements," <i>Genes Dev.</i> 5: 496-507 (1991).
	Twell <i>et al.</i> , "Transient Expression of Chimeric Genes Delivered Pollen by Microprojectile Bombardment," <i>Plant Physiol.</i> 91: 1270-1274 (1989).
	Tyler-Smith <i>et al.</i> , "Localization of DNA Sequences Required for Human Centromere Function Through an Analysis of Rearranged Y Chromosomes," <i>Nature Genetics</i> 5: 368-375 (1993).
	Tyler-Smith <i>et al.</i> , "Mammalian Chromosome Structure," <i>Current Opin. Genetic Dev.</i> 3: 390-397 (1993).
	Uchimiya <i>et al.</i> , "Expression of a Foreign Gene in Callus Derived from DNA-treated Protoplasts of Rice," <i>Mol. Gen. Genet.</i> 204: 204 (1986).
	Vahedian <i>et al.</i> , "Genomic Organization and Evolution of the Soybean SB92 Satellite Sequence," <i>Plant Molecular Biology</i> 29: 857-862 (1995).

EXAMINER:	DATE CONSIDERED:
-----------	------------------

Form PTO-1449 (Modified)

Atty. Docket No.

30844/30003A

Serial No.

10/590,546

INFORMATION DISCLOSURE STATEMENT

Applicant(s)

Zieler et al.

Filing Date

July 13, 2007

Art Unit

1645

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

Valvekens *et al.*, "Agrobacterium tumefaciens-Mediated Transformation of *Arabidopsis thaliana* Root Explants by Using Kanamycin Selection," *Proc. Natl. Acad. Sci. USA* 85: 5536-5540 (1988).

Van der Krol *et al.*, "Flavonoid Genes in Petunia: Addition of a Limited Number of Gene Copies May Lead to a Suppression of Gene Expression," *Plant Cell* 2: 291-299 (1990).

Van't Hof *et al.*, "The Size and Number of Replicon Families of Chromosomal DNA of *Arabidopsis thaliana*," *Chromosoma* 68: 269-285 (1978).

Vasil *et al.*, "Herbicide Resistant Fertile Transgenic Wheat Plants Obtained by Microprojectile Bombardment of Regenerable Embryogenic Callus," *BioTechnology* 10: 667-674 (1992).

Vasil, "Progress in the Regeneration and Genetic Manipulation of Cereal Crops," *BioTechnology* 6: 397-402 (1988).

Vernon *et al.*, "A Novel Methyl Transferase Induced by Osmotic Stress in the Facultative Halophyte *Mesembryanthemum crystallinum*," *The EMBO Journal* 11: 2077-2085 (1992).

Voytas *et al.*, "A Copia-Like Transposable Element Family in *Arabidopsis thaliana*," *Nature* 336: 242-244 (1988).

Wagner *et al.*, "Coupling of Adenovirus to Transferrin-Polylysine/DNA Complexes Greatly Enhances Receptor-Mediated Gene Delivery and Expression of Transfected Genes," *Proc. Natl. Acad. Sci. USA*, 89: 6099-6103(1992).

Walker *et al.*, "DNA Sequences Required for Anaerobic Expression of the Maize Alcohol Dehydrogenase 1 Gene," *Proc. Nat. Acad. Sci. USA* 84: 6624-6628 (1987).

Wang *et al.*, "Characterization of cis-Acting Elements Regulating Transcription from the Promoter of a Constitutively Active Rice Actin Gene," *Molecular and Cellular Biology*: 3399-3406 (1992).

Weide *et al.*, "Paracentromeric Sequences on Tomato Chromosome 6 Show Homology to Human Satellite III and to the Mammalian CENP-B Binding Box," *Mol. Gen. Genet.* 259: 190-197 (1998).

Wensink *et al.*, "A System for Mapping DNA Sequences in the Chromosomes of *Drosophila melanogaster*," *Cell* 3: 315-325 (1974).

Wevrick *et al.*, "Partial Deletion of Alpha Satellite DNA Associated with Reduced Amounts of the Centromere Protein CENP-B in a Mitotically Stable Human Chromosome Rearrangement," *Molecular and Cellular Biology* 102: 6374-6380 (1990).

Whitehouse *et al.*, "Mapping Chromosome Centromeres by the Analysis of Unordered Tetrads," *Nature* 4205: 893 (1950).

Wigler *et al.*, "Transfer of Purified Herpes Virus Thymidine Kinase Gene to Cultured Mouse Cells," *Cell* 11: 223-232 (1977).

Willard, "Centromeres of mammalian chromosomes," *TIG* 6(12): 410-416 (1990).

Willard, "Centromeres: The Missing Link in the Development of Human Artificial Chromosomes," *Genetics & Development* 8: 219-225 (1998).

Wolter *et al.*, "Chilling Sensitivity of *Arabidopsis thaliana* with Genetically Engineered Membrane Lipids," *The EMBO Journal* 11: 4685-4692 (1992).

Wong *et al.*, "Electric Field Mediated Gene Transfer," *Biochim. Biophys. Res. Commun.* 107: 584-587 (1982).

Wright *et al.*, "Multiple Non-LTR Retrotransposons in the Genome of *Arabidopsis thaliana*," *Genetics* 142: 569-578 (1996).

Wu *et al.*, "Composition and Structure of the Centromeric Region of Rice Chromosome 8," *Plant Cell* 16: 967-76 (2004).

EXAMINER:

DATE CONSIDERED:

Form PTO-1449 (Modified) INFORMATION DISCLOSURE STATEMENT	Atty. Docket No. 30844/30003A	Serial No. 10/590,546
	Applicant(s) Zieler et al.	
	Filing Date July 13, 2007	Art Unit 1645

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

	Xia <i>et al.</i> , "Genomic Organization of the <i>canrep</i> Repetitive DNA in <i>Brassica juncea</i> ," <i>Plant Molecular Biology</i> 26: 817-832 (1994).
	Xia <i>et al.</i> , Structure and Evolution of a Highly Repetitive DNA Sequence from <i>Brassica napus</i> , <i>Plant Molecular Biology</i> 21: 213-224 (1993).
	Xiang, <i>et al.</i> "The Anti- <i>nptII</i> Gene," <i>Plant Physiol.</i> 102: 287-293 (1993).
	Xu <i>et al.</i> , "Expression of a Late Embryogenesis Abundant Protein Gene, HVA1, from Barley Confers Tolerance to Water Deficit and Salt Stress in Transgenic Rice," <i>Plant Physiol.</i> 110: 249-257 (1996).
	Yamada <i>et al.</i> , "Plant Regeneration from Protoplast-derived Callus of Rice," <i>Plant Cell Rep.</i> 4: 85 (1986).
	Yamaguchi-Shinozaki <i>et al.</i> , "Molecular Cloning and Characterization of 9 cDNAs for Genes that Are Responsive to a Desiccation in <i>Arabidopsis thaliana</i> : Sequence Analysis of One cDNA Clone that Encodes a Putative Transmembrane Channel Protein," <i>Plant Cell Physiol.</i> 33: 217-224 (1992).
	Yang <i>et al.</i> , "Maize Sucrose Synthase-1 Promoter Directs Phloem Cell-specific Expression of Gus Gene in Transgenic Tobacco Plants," <i>Proc. Natl. Acad. Sci. USA</i> 87: 4144-4148 (1990).
	Yen <i>et al.</i> , "CENP-E, a Novel Human Centomere-Associated Protein Required for Progression from Metaphase to Anaphase," <i>The EMBO Journal</i> 10: 1245-1254 (1991).
	Young <i>et al.</i> , "Organization of Coding Sequences in <i>Drosophila melanogaster</i> ," <i>J. Supramolecular Struct.</i> , S1: 211 (1977).
	Young <i>et al.</i> , Eukaryotic Genetic Systems ICNUCLA Symposia on Molecular and Cellular Biology VII: 315-331 (1977).
	Yuan <i>et al.</i> , "Selection of Guide Sequences That Direct Efficient Cleavage of mRNA by Human Ribonuclease P," <i>Science</i> 263: 1269-1273 (1994).
	Yuan <i>et al.</i> , "Targeted cleavage of mRNA by human RNase P," <i>Proc. Natl. Acad. Sci. USA</i> 89: 8006-8010 (1992).
	Zatloukal <i>et al.</i> , "Transferinfection: A Highly Efficient Way to Express Gene Constructs in Eukaryotic Cells," <i>Ann. N.Y. Acad. Sci.</i> 660: 136-153.
	Zentgraf, "Telomere-binding Proteins of <i>Arabidopsis thaliana</i> ," <i>Plant Molecular Biology</i> 27: 467-475 (1995).
	Zhang <i>et al.</i> , "Molecular Cloning, Nucleotide Sequence, and Function of a Site-Specific Recombinase Encoded in the Major 'Pathogenicity Island' of <i>Salmonella typhi</i> ," <i>Gene</i> 202: 139-146 (1997).
	Zhang <i>et al.</i> , "Zea mays B Chromosome Centromere Repeat Sequence Zea_mays_MBSC216 pMBSC216," (unpublished).
	Zukowski <i>et al.</i> , "Chromogenic Identification of Genetic Regulatory Signals in <i>Bacillus subtilis</i> Based on Expression of a Cloned <i>Pseudomonas</i> Gene," <i>Proc. Natl. Acad. Sci., USA</i> 80: 1101-1105 (1983).
	Zuo <i>et al.</i> , "The <i>WUSCHEL</i> Gene Promotes Vegetative-to-Embryonic Transition in <i>Arabidopsis</i> ," <i>Plant J.</i> , 30:349-359 (2002).

EXAMINER:

DATE CONSIDERED: